

66,291-155 (ABB Ref: 8245)
08/973,306



DAC

Sup.
#11 FIDS
DEVANS
3/9/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Leijon et al.

Serial No. 08/973,306

Art Unit: 2838

Filed: 04/10/1998

Examiner: Riley, S.

For: A ROTATING ASYNCHRONOUS CONVERTER AND A GENERATOR DEVICE (AS AMENDED)

Docket No.: 66,291-155

RECEIVED

ABB Ref: 8245

FEB 27 2001

Box AF
Assistant Commissioner for Patents
Washington, D.C. 20231

OFFICE OF PETITIONS

TC 2800 MAIL ROOM

MAR - 5 2001

RECEIVED

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
SUBMITTED WITHOUT COPIES OF INFORMATION
DISCLOSURE STATEMENT CITATIONS PURSUANT TO
DECISION ON PETITION UNDER 37 C.F.R. 1.183
SEEKING WAIVER OF REQUIREMENTS UNDER 37 C.F.R. 1.98**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO Form-1449, an addendum to the previous PTO Form-1449 filed in this application. Copies of the 169 references set forth on the attached addendum PTO Form-1449 have been filed with the Office on December 21, 2000 in accord with the terms of the Office's Decision on Petition (copy attached).

CERTIFICATE OF MAILING

I hereby certify that this Supplemental Information Disclosure Statement and recited attachments are being deposited with the United States Postal Service on this 21st day of February, 2001 in an envelope as first class mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


Alesia A. Mungons

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. §§ 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Pursuant to the Decision on Petition dated December 1, 1999, which was filed in U.S. Patent Application No. 09/147,325 (the holding application), the requirement for the submission of a copy of each Information Disclosure Statement citation is waived provided that the conditions set forth in paragraphs 1-8 (pages 8-10) of the Decision on Petition are met.

The following conditions set forth in the Decision on Petition are believed to have been met:

1. Three paper copies of each Information Disclosure Statement citation on the attached addendum PTO Form-1440 has been supplied to the U.S. Patent and Trademark Office on December 21, 2000, specifically with Mr. Michael Gellner.

2. This application (the bulk filing application) for which the waiver is desired is related to the above-identified holding application, U.S. Patent Application No. 09/147,325.

3. The information herein has been cited in the above holding application.

4. A copy of the Decision on Petition granting the waiver is attached hereto.

5. At present, no explanatory information related to any particular citation has been submitted in the holding application except for transactions of foreign language references, if applicable.

6. As of the time of this filing, the Office has not terminated the waiver grant, nor has the Applicant terminated or withdrawn its assent to the waiver.

7. The holding application is co-pending herewith.

66,291-155 (ABB Ref: 8245)
08/973,306



8. The paper copies of the references cited herein are believed to be contained (or will be contained) in a series of official digests established by the Office which is noted in the Decision on Petition.

Please consider and enter into the record the citations on the attached Form PTO-1449. Please charge any fees to Deposit Account No. 04-2223.

Date: February 21, 2001

Respectfully submitted,

By:

John W. Rees, Reg. No. 38,278
Dykema Gossett PLLC
39577 Woodward Avenue, Suite 300
Bloomfield Hills, MI. 48304-2820
(248) 203-0832
jrees@dykema.com

John P. Deluca, Reg. No. 25,505
Dykema Gossett PLLC
Franklin Square, Third Floor West
1300 I Street N.W.
Washington, DC 20005-3535
(202) 522-8626
jdeluca@dykema.com

BH01\\ 290148.1
ID\\JWR

RECEIVED
FEB 27 2001
OFFICE OF PETITIONS

INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449
(additional to original listing)

Docket Number: 66,291-155

Serial No. 08/973,306



Applicant(s): Leijon et al.

Filing Date: 04/10/1998

Group Art Unit: 2838

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
1	US 1,508,456	9/16/24	W.G.Lenz			
2	US 1,904,885	4/18/33	G.A.Seeley			
3	US 2,409,893	10/22/46	W.W. Pendleton et al			
4	US 2,650,350	8/25/53	P.D. Heath			
5	US 2,749,456	06/05/56	F.O. Luenberger			
6	US 3, 014, 139	12/19/61	L.P. Shildneck			
7	US 3,197,723	7/27/65	I.K.Dortort			
8	US 3,392,779	7/16/68	K.B. Tilbrook			
9	US 3,411,027	11/12/68	H. Rosenberg			
10	US 3,541,221	11/17/70	M.Aupoix et al			
11	US 3,571,690	3/23/71	V V A V Lataisa			
12	US 3,651,244	3/21/72	D.A. Silver et al			
13	US 3,660,721	5/2/72	L.L.Baird			
14	US 3,666,876	5/30/72	E.O.Forster			
15	US 3,684,906	8/15/72	H.G.Lexz			
16	US 3,699,238	10/17/72	T.E.Hansen et al			
17	US 3,743,867	7/3/73	J.L. Smith, Jr.			
18	US 3,787,607	1/22/74	H.J.Schlafly			
19	US 3,813,764	6/4/74	E. Tanaka et al			
20	US 3,828,115	8/6/74	A.Hvizd, Jr.			
21	US 3,912,957	10/14/75	H.B. Reynolds			
22	US 3,993,860	11/23/76	J.P.Snow et al			
23	US 4,008,367	2/15/77	H. Sunderhauf			
24	US 4,132,914	1/2/79	G.M. Khutoretsky			
25	US 4,314,168	2/2/82	O. Breitenbach			
26	US 4,321,426	3/23/82	F.K.Schaeffer			
27	US 4,361,723	11/30/82	A.Hvizd Jr. et al			
28	US 4,365,178	12/21/82	H.G.Lexz			
29	US 4,367,890	1/11/83	F.Spirk			
30	US 4,384,944	5/24/83	D. A. Silver et al			
31	US 4,401,920	8/30/83	R.S.Taylor et al			
32	US 4,432,029	2/14/84	B. Lundqvist			
33	US 4,437,464	3/20/84	J.J.Crow			
34	US 4,484,106	11/20/84	R.S.Taylor et al			
35	US 4,490,651	12/25/84	R.S.Taylor et al			
36	US 4,508,251	4/2/85	K.Harada et al			
37	US 4,520,287	5/28/85	D.C.Wang et al			
38	US 4,571,453	2/18/86	M.Takaoka et al			
39	US 4,615,778	10/7/86	R.K.Elton			
40	US 4,622,116	11/11/86	R.K.Elton et al			
41	US 4,652,963	3/24/87	N. Fahlen			
42	US 4,723,083	2/2/88	R.K.Elton			
43	US 4,724,345	2/9/88	R.K.Elton et al			

RECEIVED

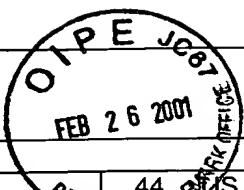
FEB 27 2001

OFFICE OF PETITIONS

Examiner

Date
Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION LIST

ALTERNATE FORM PTO-1449

(Corrected Listing of Original List)

RECEIVED

FFB 27 2001

OFFICE OF PETITIONS

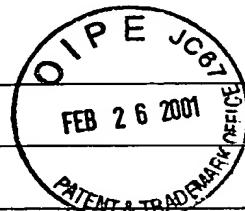
Subtotal **65170**

Examiner

Date
Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEPO 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449



FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
1	DE 209,313	4/25/84	Germany		
2	DE 134,022	12/28/01	Germany		
3	DE 1,465,719	5/22/69	Germany		
4	DE 19,020,222	3/13/97	Germany		
5	DE 19,620,906	1/8/96	Germany		
6	DE 386,561	12/13/23	Germany		
7	DE 3,925,337	2/7/91	Germany		
8	DE 406,371	11/21/24	Germany		
9	DE 4,402,184	8/3/95	Germany		
10	DE 4,438,186	5/2/96	Germany		
11	DE 975,999	1/10/63	Germany		
12	EP 0,102,513	1/22/86	European		
13	EP 0,185,788	7/2/86	European		
14	EP 0,221,404	5/16/90	European		
15	EP 0,503,817	9/16/92	European		
16	EP 0,620,630	10/19/94	European		
17	EP 0,739,087 A2	10/23/96	European		
18	EP 0,739,087 A3	3/27/97	European		
19	EP 0,749,193 A3	3/26/97	European		
20	EP 0,749,190 A2	12/18/96	European		
21	EP 0,913,912 A1	5/6/99	European		
22	FR 2,481,531	10/30/81	France		
23	FR 916,959	12/20/46	France		
24	EP 0,221,404	5/16/90	European		
25	EP 0,277,358	8/10/86	European		
26	EP 0,469,155 A1	2/5/92	European		
27	GB 2,150,153	6/26/85	United Kingdom		
28	GB 2,332,557	6/23/99	United Kingdom		
29	DE 468,827	7/13/97	Germany		
30	GB 666,883	2/20/52	United Kingdom		
31	GB 739,962	11/2/55	United Kingdom		
32	HU 175,494	11/28/81	Hungary		
33	JP 2,017,474	1/22/90	Japan		
34	JP 57,126,117	5/8/82	Japan		
35	JP 62,320,631	6/23/89	Japan		
36	JP 7,161,270	6/23/95	Japan		
37	JP 8,036,952	2/6/96	Japan		
38	JP 8,167,360	6/25/96	Japan		
39	SU 1,189,322	10-86	Switzerland		
40	SU 266,037	10/11/65	Switzerland		
41	SU 646,403	2/8/79	Switzerland		
42	WO 91/11841	8/8/91	PCT		
43	PCT SE 91/00077	4/23/91	Int'l Search Report		
44	WO 91/15755	10/17/91	PCT		
45	WO 97/29494	8/14/97	PCT		

RECEIVED

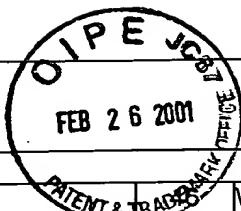
FEB 27 2001

OFFICE OF PETITIONS

Examiner

Date
Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION LIST

ALTERNATE FORM PTO-1449

(Corrected Listing of Original List)

RECEIVED

FEB 27 2001

OFFICE OF PETITIONS

Subtotal **51**

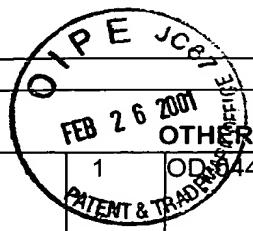
Examiner	Date Considered
----------	--------------------

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST

ALTERNATE FORM PTO-1449

(Corrected Listing of Original List)



OTHER REFERENCES (Including Title, Author, Date, Pertinent Pages, etc.)

1	OD 044	A test installation of a self-tuned ac filter in the Konti-Skan 2 HVDC link; T. Holmgren, G. Asplund, S. Valdemarsson, P. Hidman of ABB; U. Jonsson of Svenska Kraftnat; O. Ilof of Vattenfall Vastsverige AB; IEEE Stockholm Power Tech Conference 6/1995, pp 64-70
2	OD 045	Analysis of faulted Power Systems; P Anderson, Iowa State University Press / Ames, Iowa, 1973, pp 255-257
3	OD 046	36-Kv. Generators Arise from Insulation Research; P. Sidler; <i>Electrical World</i> 10/15/1932, pp 524
4	OD 047	Oil Water cooled 300 MW turbine generator; L.P. Gnedin et al; <i>Elektrotechnika</i> , 1970, pp 6-8
5	OD 048	J&P Transformer Book 11 th Edition; A. C. Franklin et al; owned by Butterworth – Heinemann Ltd, Oxford Printed by Hartnolls Ltd in Great Britain 1983, pp 29-67
6	OD 049	Transformerboard; H.P. Moser et al; 1979, pp 1-19
7	OD 050	The Skagerrak transmission – the world's longest HVDC submarine cable link; L. Haglof et al of ASEA; ASEA Journal Vol 53, Number 1-2, 1980, pp 3-12
8	OD 051	Direct Connection of Generators to HVDC Converters: Main Characteristics and Comparative Advantages; J. Arrillaga et al; <i>Electra</i> No. 149, 08/1993, pp 19-37
9	OD 052	Our flexible friend article; M. Judge; <i>New Scientist</i> , 05/10/1997, pp 44-48
10	OD 053	In-Service Performance of HVDC Converter transformers and oil-cooled smoothing reactors; G.L. Desilets et al; <i>Electra</i> No. 155, 08/1994, pp 7-29
11	OD 054	Transformateurs a courant continu haute tension-examen des specifications; A. Lindroth et al; <i>Electra</i> No 141, 04/1992, pp 34-39
12	OD 055	Development of a Termination for the 77 kV-Class High Tc Superconducting Power Cable; T. Shimonosono et al; IEEE Power Delivery, Vol 12, No 1, 01/1997, pp 33-38
13	OD 056	Verification of Limiter Performance in Modern Excitation Control Systems; G. K. Grgis et al; IEEE Energy Conservation, Vol. 10, No. 3, 09/1995, pp 538-542
14	OD 057	A High Initial response Brushless Excitation System; T. L. Dillman et al; IEEE Power Generation Winter Meeting Proceedings, 01/31/1971, pp 2089-2094
15	OD 058	Design, manufacturing and cold test of a superconducting coil and its cryostat for SMES applications; A. Bautista et al; IEEE Applied Superconductivity, Vol 7, No. 2, 06/1997, pp 853-856
16	OD 059	Quench Protection and Stagnant Normal Zones in a Large Cryostable SMES; Y. Lvovsky et al; IEEE Applied Superconductivity, Vol. 7, No. 2, 06/1997, pp 857-860
17	OD 060	Design and Construction of the 4 Tesla Background Coil for the Navy SMES Cable Test Apparatus; D.W. Scherbarth et al; IEEE Applied Superconductivity, Vol. 7, No. 2, 06/1997, pp 840-843
18	OD 061	High Speed Synchronous Motors Adjustable Speed Drives; ASEA Generation Pamphlet OG 135-101 E, 01/1985, pp 1-4
19	OD 062	Billig burk motar overtonen; A. Felldin; <i>ERA (TEKNIK)</i> 08/1994, pp 26-28
20	OD 063	400-kV XLPE cable system passes CIGRE test; ABB Article; ABB Review 09/1995, pp 38
21	OD 064	FREQSYN – a new drive system for high power applications; J-A. Bergman et al; ASEA Journal 59, 04/1986, pp 16-19
22	OD 065	Canadians Create Conductive Concrete; J. Beaudoin et al; <i>Science</i> , Vol. 276, 05/23/1997, pp 1201
23	OD 066	Fully Water-Cooled 190 MVA Generators in the Tostad Hydroelectric Power Station; E. Ostby et al; BBC Review 08/1969, pp 380-385
24	OD 068	Relocatable static var compensators help control unbundled power flows; R. C. Knight et al; <i>Transmission & Distribution</i> , 12/1996, pp 49-54
25	OD 069	Investigation and Use of Asynchronized Machines in Power Systems*; N.I. Blotskii et al; <i>Elektrichestvo</i> , No. 12, 1-6, 1985, pp 90-99

RECEIVED

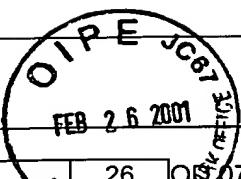
FEB 27 2001

OFFICE OF PETITIONS

Examiner

Date
Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449
(Corrected Listing of Original List)

PATENT & TRADEMARK OFFICE	26	OD 070	Variable-speed switched reluctance motors; P.J. Lawrenson et al; IEE proc, Vol 127, Pt.B, No.4, 07/1980, pp 253-265
	27	OD 071	Das Einphasenwechselstromsystem hoherer Frequenz; J.G. Heft; Elektrische Bahnen eb; 12/1987, pp 388-389
	28	OD 072	Power Transmission by Direct Current; E. Uhlmann; ISBN 3-540-07122-9 Springer-Verlag, Berlin/Heidelberg/New York; 1975, pp 327-328
	29	OD 073	Elektriska Maskiner; F. Gustavson; Institute for Elkraftteknik, KTH; Stockholm, 1996, pp 3-6 - 3-12
	30	OD 074	Die Wechselstromtechnik; A. Cour' Springer Verlag, Germany; 1936, pp 586-598
	31	OD 075	Insulation systems for superconducting transmission cables; O. Toennesen; Nordic Insulation Symposium, Bergen, 1996, pp 425-432
	32	OD 076	MPTC: An economical alternative to universal power flow controllers; N. Mohan; EPE 1997, Trondheim, pp 3.1027-3.1030
	33	OD 078	Lexikon der Technik; Luger; Band 2, Grundlagen der Elektrotechnik und Kerntechnik, 1960, pp 395
	34	OD 079	Das Handbuch der Lokomotiven (hungarian locomotive V40 1 'D'); B. Hollingsworth et al; Pawlak Verlagsgesellschaft; 1933, pp. 254-255
	35	OD 080	Synchronous machines with single or double 3-phase star-connected winding fed by 12-pulse load commutated inverter. Simulation of operational behaviour; C. Ivarson et al; ICEM 1994, International Conference on electrical machines, Vol. 1, pp 267-272
	36	OD 081	Elkrafthandboken, Elmaskiner; A. Rejminger; Elkrafthandboken, Elmaskiner 1996, 15-20
	37	OD 082	Power Electronics - in Theory and Practice; K. Thorborg; ISBN 0-86238-341-2, 1993, pp 1-13
	38	OD 083	Regulating transformers in power systems- new concepts and applications; E. Wirth et al; ABB Review 04/1997, p 12- 20,
	39	OD 084	Transforming transformers; S. Mehta et al; IEEE Spectrum, July 1997, pp. 43-49
	40	OD 085	A study of equipment sizes and constraints for a unified power flow controller; J. Bian et al; IEEE Transactions on Power Delivery, Vol.12, No.3, July 1997, pp.1385-1391
	41	OD 086	Industrial High Voltage; F.H. Krueger; Industrial High Voltage 1991 Vol I, pp. 113-117
	42	OD 087	Hochspannungstechnik; A. Küchler; Hochspannungstechnik, VDI Verlag 1996, pp.365-366, ISBN 3-18-401530-0 or 3-540-62070-2
	43	OD 088	High Voltage Engineering; N.S. Naidu; High Voltage Engineering ,second edition 1995 ISBN 0-07-462286-2, Chapter 5, pp91-98,
	44	OD 089	Performance Characteristics of a Wide Range Induction Type Frequency Converter; G.A. Ghoneem; Ieema Journal, September 1995, pp 21-34
	45	OD 090	International Electrotechnical Vocabulary, Chapter 551 Power Electronics;unknown author; International Electrotechnical Vocabulary Chapter 551: Power Electronics Bureau Central de la Commission Electrotechnique Internationale, Geneve; 1982, pp1-65
	46	OD 091	Design and manufacture of a large superconducting homopolar motor; A.D. Appleton; IEEE Transactions on Magnetics, Vol. 19, No.3, Part 2, 05/1983, pp 1048-1050
	47	OD 092	Application of high temperature superconductivity to electric motor design; J.S. Edmonds et al; IEEE Transactions on Energy Conversion 06/1992, No. 2 , pp 322-329
	48	OD 093	Power Electronics and Variable Frequency Drives; B. Bimal; IEEE industrial Electronics - Technology and Applications, 1996, pp.356,
	49	OD 094	Properties of High Polymer Cement Mortar; M. Tamai et al; Science & Technology in Japan, No 63 ; 1977, pp 6-14
RECEIVED	50	OD 095	Weatherability of Polymer-Modified Mortars after Ten-Year Outdoor Exposure in Koriyama and Sapporo; Y. Ohama et al; Science & Technology in Japan No. 63; 1977, pp 26-31
FEB 27 2001	51	OD 096	SMC Powders Open New Magnetic Applications; M. Persson (Editor); SMC Update ,Vol. 1, No. 1, April 1997
OFFICE OF PETITIONS	52	OD 097	Characteristics of a laser triggered spark gap using air, Ar, CH ₄ , H ₂ , He, N ₂ , SF ₆ and Xe; W.D. Kimura et al; Journal of Applied Physics, Vol. 63, No 6, 15 March 1988, p. 1882-1888

Examiner

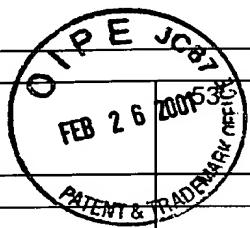
Date
Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST

ALTERNATE FORM PTO-1449

(Corrected Listing of Original List)



10D 098

Low-intensity laser-triggering of rail-gaps with magnesium-aerosol switching-gases; W. FREY; 11th International Pulse Power Conference, 1997, Baltimore, USA Digest of Technical Papers, p. 322-327

RECEIVED

FEB 27 2001

OFFICE OF PETITIONS

Subtotal 53

GRAND TOTAL	169		
------------------------	------------	--	--

Examiner	Date Considered
----------	--------------------